

PATENT ABSTRACTS OF JAPAN

Copyright (C) 1998-2000 Japanese Patent Office

(11)Publication number: 09-284630

(43)Date of publication of application: 31.10.1997

(51)Int.Cl.

H04N 5/232

H04N 5/335

(21)Application number: 08-092229

(71)Applicant: SONY CORP

(22)Date of filing: 15.04.1996

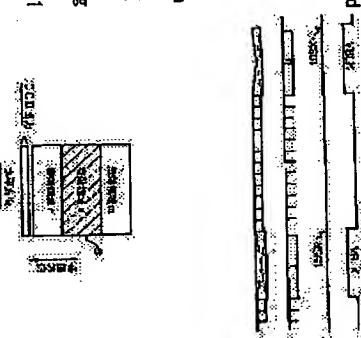
(72)Inventor: YAMAGUCHI MASANORI

(54) CONTROL METHOD FOR CCD AREA SENSOR

(57)Abstract:

PROBLEM TO BE SOLVED: To attain panning a valid area subjected to electronic zooming up to upper and lower ends of a light receiving area by varying a generating timing of a read pulse within a vertical blanking period in the cease of changing a size of an invalid area other than the valid area.

SOLUTION: In the case of conducting panning to change a size of an invalid area other than a valid area, a generating timing of a read pulse XSG1 set in a vertical blanking period VBLK is made variable. In the case of setting the number of lines of the invalid area (m) to be '0', the read pulse XSG1 is shifted toward a side close to a start of the vertical blanking period VBLK with respect to the vertical blanking period VBLK. Thus, a time after the read pulse XSG1 is generated till the vertical blanking period VBLK is finished is extended so as to extend the processing time of the invalid area (n) for line shift and also to increase the number of lines of a processes enable invalid area (n).



LEGAL STATUS

- [Date of request for examination]
- [Date of sending the examiner's decision of rejection]
- [Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]
- [Date of final disposal for application]
- [Patent number]
- [Date of registration]
- [Number of appeal against examiner's decision of rejection]
- [Date of requesting appeal against examiner's decision of rejection]
- [Date of extinction of right]

